

SKIRTA, B.K.; ROMASHKAN, V.S.; KHITSSENKO, S.I.

Automatic signal encoding in a noncontact telemechanical
frequency unit. Avtom.1 prib. no.3:12-15 J1-S '62.

(MIRA 16:2)

1. Institut avtomatiki Gosplana UkrSSR.
(Remote control)

KHITSENKO, V. (Leningrad)

Wire-reinforced crossties for streetcars. Zhil.-kom.khoz. 12
no.8:17-19 Ag '62. (MIRA 16:2)
(Street railways) (Concrete products)

KHITSSENKO, V. V.

32662. Iskusstvennoye uplotneniye osnovaniya i ballasta tramvaynykh putey.
(Doklad na konferentsii, sozv. nauch. - issled. in-tom kommunal. Khozyaystva
ispolkoma lengorsoveta. May 1949 G.) Materialy po kommunal. Khoz - vu,
1949, SB . 3 B-21-28

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

KHITSENKO, V.

Earthwork

Hydro-vibration compression of ground in dug-outs. Zhil. -kom. khoz. 2 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED

KHITSSENKO, V.V., kandidat tekhnicheskikh nauk

Hydraulic vibration compaction of soils in trenches. Rats. i izobr.
predl. v stroi. no. 90:22-27 '54. (MLRA 8:10)
(Soil mechanics)

KHITSSENKO, V.V., kand.tekhn.nauk. Prinimali uchastiye: CHERNOV, N.M.,
inzh.; KOLEVIN, I.D., ispolnyayushchiy obyazannosti inzhenera.
SHISTER, G.M., red.

[Using the LNI AKKh strain-measuring devices in investigating
vibratory machines and installations of urban transportation;
scientific information] Primenenie tenzometricheskoi apparatury
konstruktsii LNI AKKh v issledovaniiskh vibratsionnykh mashin i
sooruzhenii gorodskogo transporta; nauchnoe soobshchenie. Pushkin,
1959. 37 p. (MIRA 13:6)

1. Akademiya kommunal'nogo khozyaystva.
(Strain gauges)

KHITSENKO, Yu.

Fourth International Trade Conference of Miners. Gor.
zhur. no.5:78 My '64. (MIRA 17:6)

1. Zaveduyushchiy otделom mezhdunarodnykh svyazey Tsentral'nogo
komiteta professional'nogo soyuza rabochikh metallurgicheskoy
promyshlennosti.

1. KHITSSENKO, YU.

2. USSR (6000)

Works council

Greater attention to production meetings. V pom. profaktivu, 14, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KHITSENKO, Yu. V.

BYCHKOV, V.S.; KHITSENKO, Yu. V.

Closing session May 18, 1957. Bul. TSNIICEM no. 18/19:119-3 of
cover '57. (MIRA 11:4)

1. Zamestitel' Ministra chernoy metallurgii SSSR (for Bychkov).
2. TSentral'nyy komitet Soyuza rabochikh chernoy metallurgii (for Khitsenko).

(Steel metallurgy)

AUTHOR: Khitsenko, Yu.V. SOV/130-58-7-11/35

TITLE: International Connections of Metallurgical Workers
(Mezhdunarodnyye svyazi metallurgov)

PERIODICAL: Metallurg, 1958, nr 7, pp 24 - 25 (USSR).

ABSTRACT: The author describes the increasing extent of international relations being built up by the iron and steel workers of the USSR. Especially close relations are being built up with France, Italy, Belgium, India, Japan and Austria; but the author complains that the development of relations with the United States, Federal Germany, Sweden, Switzerland and England is being hampered by the international Confederation of Free Trade Unions. He names countries with which visits have been exchanged. There are 4 figures.

ASSOCIATION: TsK profsoyuza rabochikh metallurgicheskoy promyshlennosti (Central Committee of the Union of Metallurgical Workers)

1. Labor unions--Sociological effects

Card 1/1

AUTHOR: Khitsenko, Yu. V.

SOV/130-59-1-16/21

TITLE: With Our Friends (U nashikh družey)

PERIODICAL: Metallurg, 1959, Nr 1, p 33 (USSR)

ABSTRACT: The author gives some information collected by a delegation of Soviet ferrous-metallurgical trade-unionists who visited China at the invitation of the All-China federation of heavy-industry trade-unions. He briefly describes the Pekin institute of ferrous metallurgy, the Shintszinshan' metallurgical works, the Tayyuan' works, the An'shan' metallurgical combine and the Ukhan' metallurgical combine. Among the items he mentions is that at the Shintszinshan' works the blast-furnaces operate with blast temperatures of up to 1060°C and those at the Tayyuan' works have at times attained a coefficient of utilization of useful volume of 0.523. He states that the Chinese workers intend that Britain should be overtaken in total industrial production in 7-8 years.

Card 1/1

KHITSSENKO, Yu.

Against the social aftereffects of automatization. Oknr. truda i
sots. strakh. no.4:91-92 Ap '59. (MIRA 12:8)
(Automation) (Machinery in industry)

18,000

75586
SOV/130-59-10-

AUTHOR: Khitsenko, Yu. V.

TITLE: Struggling for the Development of Socialism

PERIODICAL: Metallurg, 1959, Nr 10, pp 36-38 (USSR)

ABSTRACT: Report on the achievements of the Chinese People's Republic in the field of steel production on the occasion of its tenth anniversary.

ASSOCIATION: Central Committee of the Trade Union of Metallurgical Workers (TsK profsoyuza rabochikh metallurgicheskoy promyshlennosti)

Card 1/1

KHITSSENKO, Yu.V.

International ties of Soviet metallurgists are being expanded and strengthened. Metallurg 5 no.10:35-36 0 '60. (MIRA 13:9)

1. Zaveduyushchiy otделom mezhdunarodnykh svyazey Tsentral'nogo komiteta profsoyuza rabochikh metallurgicheskoy promyshlennosti.
(Russia--Relations (General) with foreign countries)

KHITSKOV, A.I.

Machine for cutting plywood overhangs. Der. prom. 12 no.7:
27-28 J1 '63. (MIRA 16:8)

(Plywood) (Woodworking machinery)

KHITSKOVA Ye.T.

GROMKOVSKAYA, A.A., kandidat meditsinskikh nauk; LEVIANT, S.M., kandidat meditsinskikh nauk; DANSEER, V.N., kandidat biologicheskikh nauk; KHITSKOVA, Ye.T.

State of health and organization of medical services to children at a rural medical section. Vop.okh.mat. 1 det. 1 no.5:77-80 S-0 '56.

(MLR 9:11)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo insituta Ministerstva zdavookhraneniya RSFSR (dir. - prof. A.L.Libov) Leningrad.

(MEDICINE, RURAL)

(CHILDREN--CARE AND HYGIENE)

PAVLOV, G.; GANZUREV, G.; DZHEROVA, N.; ZHELEVA, A.; NIKOLOVA, D.;
KHITSOV, Kh.; VLASEV, K.; BOIADZHIEV, Zh.; OBREIKOV;
NEDEV, B.; PACHNIKOV, I.

Statistical data on results of various therapeutic methods
in joint tuberculosis of the extremities. Khirurgiia 15 no.2/3:
167-169 '62.

(TUBERCULOSIS OSTEOARTICULAR surg)

KHITSUN, V.N.

BOGUSLAVSKIY, I.Ya., starshiy nauchnyy sotrudnik,; BOCHAROV, Yn. G.,
mladshiy nauchnyy sotrudnik,; YENTOV, O.I., mladshiy nauchnyy
sotrudnik,; ZHIVAGO, V.I., mladshiy nauchnyy sotrudnik,;
KHITSUN, V.N., inzh.; BUBLIK, V.I., inzh.; LEVCHENKO, D.V., otv. red.,;
AVRUTSKAYA, R.F., red. izd-va,; MIKHAYLOVA, V.V., tekhn. red.,;
EVENSON, I.M., tekhn. red.

[Consolidated time norms for machining standard parts; unit and
small-scale production] Ukpupnennye normy vremeni na tokarnuiu
obrabotku tipovykh detalei; individual'noe i melkoseriinoe
proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi
tsvetnoi metallurgii, 1958. 445 p. (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii
proizvodstva i truda chernoy metallurgii.

(Turning--Production standards)

(Time study)

BOGUSLAVSKIY, I.Ya., starshiy nauchnyy sotrudnik; BOCHAROV, Yu.G.,
mladshiy nauchnyy sotrudnik; YENYOV, O.I., mladshiy nauchnyy
sotrudnik; BUELIK, V.I., inzh.; GOLOVANOV, I.N., inzh.;
KHITSUN, V.M., inzh.; SEMENENKO, V.I., inzh.; SHANDRIK, S.S.,
inzh.; LEVCHENKO, D.V., otv.red.; CHEPYERKIN, M.I., red.;
PINIGIN, I.I., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Enlarged machining and time norms for planing and slotting;
piece and small lot production] Ukpupnennye normy i normativy
vremeni na strogal'nye i dolbeshnye raboty; individual'nos i
melkoseriynoe proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1961. 408 p.

(MIRA 14:12)

1. Kharkov. Vsesoyuznyy nauchno-issledovatel'skiy institut
organizatsii proizvodstva i truda chernoy metallurgii.
(Metal cutting)

BOGUSLAVSKIY, I.Ya., starshiy nauchnyy sotr.; BOCHAROV, Yu.G., mlad. nauchnyy sotr.; YENTOV, O.I., mlad. nauchnyy sotr.; EUBLIK, V.I., inzh.; COLOVANOV, I.N., inzh.; KHITSUN, V.H., inzh.; SEMENENKO, V.I., inzh.; SHMEDRIK, S.S., inzh.; LEVCHENKO, D.V., otv. red.; BURSHEYN, A.I., red. izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Consolidated norms and time norms for boring work; piece and small lot production] Ukpupnennye normy i normativy vremeni na rastochnye raboty; individual'noe i melkoseriinoe proizvodstvo. Moskva, Metallurgizdat, 1962. 407 p. (MIRA 15:3)

1. Kharkov. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii proizvodstva i truda chernoy metallurgii.
(Drilling and boring--Production standards)

NESTEROV, V.A.; D'YACHENKO, I.Ya; KHITTSOVA, N.V.

Incidence of disease with temporary incapacity on the Collective Farm "Pamiat' Il'icha", Novotitarov District, Krasnodar Territory. Zdrav. Rcs.Feder. 7 no.5:43-44 My'63.

(MIRA 16:6)

(NOVOTITAROSKAYA DISTRICT---PUBLIC HEALTH, RURAL)

KHITUN, G.M.; KUL'CHITSKAYA, Ye.F.

Practical application of work nomograms for the diffusion battery. Sakh.
prom. 27 no.9:26-28 '53. (MLRA 6:11)

1. Zhdanovskiy sakharanny zavod.

(Sugar industry)

K. I. TUN, G.M.

KHITUN, G.M.

Defects in the design of industrial equipment. Sakh. prom. 32 no.1:
38 Ja '58. (MIRA 11:2)

1. Drokiyevskiy sakharuyy zavod.
(Sugar industry--Equipment and supplies)

KHITUN, G.M.

Feeder with slide gate for even supply of fuel. Sakh.prom. 32
no.10:39-40 0 '58. (MIRA 11:11)

1. Drokiyevskiy sakhar'nyy zavod.
(Drokiya--Sugar industry--Equipment and supplies)
(Coal-handling machinery)

KHITUN, G.M.

Practices of the Drokiya sugar mill. Sakh. prom. 33 no.11:39-42
N '59. (MIRA 13:3)

1. Faleshtskiy sakharney zavod.
(Drokiya--Sugar manufacture)

KHITUN, G.M.

Additional purification of the second carbonation juice with trisodium phosphate. Sakh.prom. 35 no.7:30-31 JI '61.

(MIRA 14:7)

1. Faleshtskiy sakharney zavod.

(Moldavia—Sugar manufacture)

KHITUN, G.M.

Using superphosphate and chlorinated lime for the purification of
raw sugar by-products. Sakh. prom. 35 no.11:36-37 N '61.
(MIRA 15:1)

1. Novo-Kubanskiy sakharnyy zavod.
(Sugar manufacture--By-products)

POLYAKOV, Yu.M.; KHITUN, G.M.

Processing raw sugar with the incorporation of separation
section. Sakh. prom. 35 no.12:26-28 D '61. (MIRA 15:1)

1. Novo-Kubanskiy sakharney zavod.
(Sugar manufacture)

KHITUN, G.M.

From the editor's mail. Sakh.prom. 35[i.e. 36] no.2:69-71 F '62.
(MIRA 15:4)
(Sugar manufacture)

YUR'YEV, M.A.; SKLYAREVICH, V.V.; KHITUN, V.A. [authors]; OSTROUMOV, G.B.
[reviewer].

"Manual and practical studies in physics." Reviewed by G.B.Ostroumov.
Usp.fiz.nauk 50 no.2:323-324 Je '53. (MLBA 6:7)
(Physics) (Iur'ev, M.A.) (Skliarevich, V.V.) (Khitun, V.A.)

YUR'YEV, Mikhail Alekseyevich; SKLYAREVICH, Viktor Vladimirovich;
KHITUN, Vsevolod Andreyevich; GOFMAN, Irina Arturovna;
PERKOVSKAYA, G.Ye., red.

[Laboratory manual on physics] Praktikum po fizike. [By]
M.A.IUr'ev i dr. Moskva, Vysshaya shkola, 1965. 334 p.
(MIRA 18:12)

KHITUN, V.A.

Electroretinogram recording of considerable duration. Biofizika
1 no.7:668-671 '56. (MLRA 9:12)

1. Voenno-meditsinskaya ordena Lenina akademiya imeni S.M.Kirova,
Leningrad.
(ELECTROPHYSIOLOGY) (RETINA)

KHITUN, V.A.

Adaptation of lead housing for work with end-face counters. Med.
rad. 5 no.9:91-92 3 '60. (MIRA 13:12)
(NUCLEAR COUNTERS)

21(4)

PHASE I BOOK EXPLOITATION

SOV/3196

Knitun, Vsevolod Andreyevich

Schetchiki yadernogo izlucheniya i schetnyye ustroystva (Counters of Nuclear Radiation and Computers) Moscow, Gosenergoizdat, 1959. 71 p.
(Series: Massovaya radiobiblioteka, vyp. 338) 42,000 copies printed.

Ed.: Yu. A. Sagaydachnyy; Tech. Ed.: K.P. Voronin; Editorial Commission:
A.I. Berg, F.I. Burdeynyy, V.A. Burlyand, V.I. Vaneyev,
Ye. N. Genishta, I.S. Dzhigit, A.M. Kanayeva, E.T. Krenkel',
A.A. Kulikovskiy, A.D. Smirnov, F.I. Tarasov, and V.I. Shamshur.

PURPOSE: This brochure is for a wide range of readers interested in the use of counters in engineering and in the national economy, as well as for specialists who might find the specifications for Soviet-made counters and photomultipliers of value.

COVERAGE: This brochure describes the operation principles of counters for nuclear particles and the basic physical processes taking place in them. It also describes the basic elements of computer circuits and scaling methods. The supplement contains specifications for Soviet-made counters and photomultipliers.
Card 1/2

Counters of Nuclear Radiation and Computers

SOV/3196

No personalities are mentioned. There are 9 Soviet references.

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Gaseous Discharge and Physical Processes in Gas Discharge Counter Tubes	5
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AVAILABLE: Library of Congress

Card 2/2

TM/gmp
1-16-60

YUR'YEV, Mikhail Alekseyevich; SKLYAREVICH, Viktor Vladimirovich;
KHITUN, Vsevolod Andreyevich; GOFMAN, Irina Arturovna;
YUZHAKOV, V.M., red.; PERKOVSKAYA, G.Ye., red. izd-va;
MURASHOVA, V.A., tekhn. red.

[Physics class work for students of medical institutes]
Praktikum po fizike; [dlya meditsinskikh vuzov. By]
M.A.Iur'ev i dr. Moskva, Gos.izd-vo "Vysshaia shkola,"
1962. 266 p. (MIRA 15:11)

(Physics)

AKSENOV, B.N.; KHITUN, V.A.

The second All-Union Conference on the Use of Electronics
in Medicine and Biology. Izv.vys.ucheb.zav.; prib. 5
no.5:140-147 '62.

(MIRA 15:9)

(Electronics in medicine)
(Electronics in biology)

KHITUN, Yu. M.

Three-boiling system at Makharisetskii sugar factory.
Yu. M. Khitun. *Sakharnyye Prom.* 23, No. 9, 22-6
(1960).—This system improves the quality of white sugar,
first and second strikes, and better exhaustion of molasses
is obtained. A comparative table is shown. V. B. B.

1ST AND 2ND DEGREE										3RD AND 4TH DEGREE									
PROCESS AND PROPERTIES INDEX																			
BC KHITUN, Y. M.										B8-2									
<p>From the experience of the Khitun metal factory, E. P. Kul'chitskaya and Y. M. Khitun (Soviet, 1960, No. 2, 34-35), the following is noted: The introduction of cold progressive processing has improved the processing of beet juice; it dispenses with the heating of juice in the second saturation, when processing from cold. This does not affect the purity or the content in Ca and Mg and greatly improves the colour.</p> <p>E. P. KULCHITSKAYA</p>																			
ASB-114 METALLURGICAL LITERATURE CLASSIFICATION																			
1ST DEGREE										2ND DEGREE									
1ST DEGREE										2ND DEGREE									

SEMENOV, V.A.; KHITRUKOVA, N.S.

Distribution of annual and seasonal precipitation in
Karaganda Province. Trudy KazNIOI no.22:37-57 '65.

(MIRA 18:11)

SERVIROG, E.B., insh.; PAVLICHENKO, A.M.; KHITUSHKO, Ye.V.

Results of propulsion trials of dry cargo motorships of
680-ton load capacity. Trudy NIIVTa no.10:30-38 '62.
(MIRA 16:6)

(Ship trials)

(Ship propulsion--Testing)

PAVLICHENKO, A.M., inzh.; CHERNYSHOV, F.M., dotsent, kand. tekhn.
nauk; KHITUSHKO, Ye.V., inzh.

Full-scale testing of the dredger "De-Obsskii-16" and recommendations on the choice of operating conditions. Trudy
NIIVTa no.10:16-24 '62. (MIRA 16:6)

(Dredging machinery--Testing)

KHITUSHKO, Ye.V., inzh.; PAVLICHENKO, A.M.

Investigating the effect of auxiliary fuel additives on the
dynamics of the combustion process in diesel engines. Trudy
NIIVTa no.10:39-45 '62. (MIRA 16:6)

(Marine diesel engines—Combustion)
(Diesel fuel)

PAVLICHENKO, A.M., inzh.; KHITUSHKO, Ye.V.

Results of tuning-up tests of the Ch10,5/13 experimental
diesels. Trudy NIIVTa no.10:46-51 '62. (MIRA 16:6)

(Marine diesel engines—Testing)

KUZ'MENKOV, O.P., inzh.; PAVLICHENKO, A.M.; KHITUSHKO, Ye.V.

Comparative testing of an apparatus for measuring effective
power on the ST-216 motorship. Trudy NIIVTa no.10:52-56
(MIRA 16:6)

(Ship propulsion--Testing)
(Dynamometer)

KHIUBNER, R. [Hubner, R.]; OROZOV, B. [translator]

Some new installations for the automation of textile industry.
Novosti avtomat telemekh 1:72-77 '62

KHIVVENKO, A. F.

LC

PA 41/49T91

USSR/Mining Methods
Drilling, Rock

Apr 49

"Mechanized Sinking in the Mine Imeni K.
Likhneht," V. D. Titov, A. F. Khivvenko, Mining
Engineers, 3 pp

"Gor Zhur" No 4

In the pit of the "Koraya" mine Imeni K. Likhneht
in 1946 - 47, two-track crosscuts with a cross
section of 14 sq m each were drilled through hard
rocks in 5 months. Drilling and collecting of rock
was fully mechanized. Use of heavy hand drills
with the drilling head increased to 64 mm (instead

LC

41/49T91

USSR/Mining Methods (Contd)

Apr 49

of 42 mm) reduced the number of blastholes 2.2
times because of the larger quantity of explosive
in the hole.

41/49T91

Khivrenko, A.F.

SOV-127-58-8-6/27

AUTHORS:

Lugovskiy, S.I., Doctor of Technical Sciences; Professor,
Khivrenko, A.F. and Red'ko, I.A., Mining Engineers

TITLE:

The Reconstruction of the Inclined Shaft of the Mine Imeni
Kirov (Rekonstruktsiya naklonnogo stvola shakhty im. Kirova)

PERIODICAL:

Gornyy zhurnal, 1958, Nr 8, pp 35-37 (USSR)

ABSTRACT:

The authors describe the reconstruction of installations in
the inclined shaft in the mine imeni Kirov. This was neces-
sitated by the deepening of the shaft from 326 m to 400 m.
There are 2 diagrams and 1 photo.

ASSOCIATION:

Krivorozhskiy gornorudnyy institut (The Krivoy Rog Ore-Mining
Institute)

1. Mines--Operation 2. Mining engineering

Card 1/1

KHIVREMO, A.F., inzh.; RED'KO, I.A.

Improving the ventilation of Krivoi Rog Basin mines. Bezop.truda
v prom. 2 no.10:11-13 0 '58. (MIRA 11:11)

1. Trest Dzerzhinskruka.
(Krivoi Rog Basin-- Mine ventilation)

BONDARENKO, I.I., ZHUKOV, M.N.; ZINCHESKIY, N.P.; RED'KO, I.A.
 SEMENKO, P.I.; SVINARENKO, D.M.; KHIVRENKO, A.F.; SHKUTA, E.I.;
 SHOSTAK, A.G.

Review of "Ventilation of mines after large-scale blasting"
 by S.I.Lugovskoi. Reviewed by I.I.Bondarenko and others.
 Bezop.truda v prom. 3 no.8:38 Ag '59. (MIRA 12:11)

1. Glavnyy inzhener upravleniya Krivorozhskogo okruga Gosgortekhnadzora USSR (for Bondarenko). 2. Glavnyy inzhener instituta Krivbasaprojekt (for Zhukov). 3. Glavnyy inzhener rudoupravleniya im. Karla Libknehtta (for Zinchevskiy). 4. Nachal'nik otdela kapital'nogo stroitel'stva rudoupravleniya im. Dzerzhinskogo (for Ryng). 5. Nachal'nik ventilyatsii tresta Dzerzhinskkruda (for Red'ko). 6. Upravlyayushchiy rudoupravleniyem im. Dzerzhinskogo (for Svinarenko). 7. Upravlyayushchiy upravleniyem im. Karla Libknekhta (for Semenko). 8. Glavnyy inzhener tresta Dzerzhinskkruda (for Khivrenko). 9. Glavnyy inzhener rudoupravleniya im. Dzerzhinskogo (for Shkura). 10. Nachal'nik tekhnicheskogo otdela tresta Dzerzhinskkruda (for Shostak).

(Bibliography--Industrial safety) (Lugovskoi, S.I.)

~~KHIVCHENKO, A.F., gorn. inzh.~~

Operational testing of drilling bits with a 40 mm. diameter. Gor.
zhur. no. 6:43-46 Ja '60. (MIRA 14'2)

1. Trest Dzerzhinskaya, Krivoy Rog.
(Boring machinery--Testing)

KHIVRENKO, A.F.; TARAN, P.N.

Increasing the output and improving the quality of iron ores of the
Krivoy Rog Basin. Gor. zhur. no.11:5-6 N '61. (MIRA 15:2)

1. Glavnyy inzh. tresta Dzerzhinskruuda (for Khivrenko). 2. Ispolnya-
yushchiy obyazannosti upravlyayushchego trestom Leninruda (for
Taran).

(Krivoy Rog Basin--Iron mines and mining)

LUGOVSKIY, S.I., doktor tekhn.nauk; KHIVRENKO, A.F., inzh.; RED'KO, I.A.,
inzh.

Rapid completion of levels in the Krivoy Rog iron ore basin. Biul.
TSIICHM no.10:12-17 '60. (MIRA 15:4)
(Krivoy Rog Basin--Iron mines and mining)

KHIVRENKO, A.F., gornyy inzh.; OSTROUKHOV, A.I., gornyy inzh.; MALAYEV,
I.N., gornyy inzh.; PROKHODA, S.G., gornyy inzh.

"Working deep-seated ore deposits in the Krivoy Rog Basin" by
G.M.Malakhov, A.P.Chernous, V.M.Kiselev. Reviewed by A.F.
Khivrenko and others. Gor.zhur. no.4:75-76 Ap '62. (MIRA 15:4)
(Krivoy Rog Basin-Mining engineering) (Malakhov, G.M.)
(Chernous, A.P.) (Kiselev, V.M.)

RED'KO, I.A., inzh.; KHIVRENKO, A.F., inzh.

Accident in the TSentral'naia Mine. Bezop.truda v prom. 6
no.2:12-13 F '62. (MIRA 15:2)

1. Trest Dzerzhinskruada, g. Krivoy Rog.
(Krivoi Rog Basin--Mine accidents)

KHIVRENKO, A.F.

Ways of improving the technology of mining in the Krivoy Rog
Basin. Gor.zhur. no.12:15-18. D 163. (MIRA 17:3)

1. Glavnyy inzh. Dzerzhinskogo gosudarstvennogo tresta zhe-
lezorudnoy promyshlennosti.

ARSENT'YEV, Aleksandr Ivanovich; VINOGRADOV, Vladimir Samoylovich;
DZYUBENKO, Mikhail Grigor'yevich; YESHCHENKO, Aleksey
Andreyevich; KALYAKIN, Viktor Vasil'yevich; KARMAZIN,
Vitaliy Ivanovich; KISELEV, Vyacheslav Mikhaylovich;
KULIKOV Vladimir Vasil'yevich; MELESHKIN, Sergey Mikhaylovich;
SINARENKO, Aleksandr Ivanovich; KHVIRENKO, Akim Poteyevich;
SHKUTA, Eduard Ivanovich; SHOSTAK, Afonasiy Grigor'yevich;
MOSKAL'KOV, Yevgeniy Fedorovich, retsenzent; SOSEDOV, Orest
Orestovich, retsenzent; ROSSMIT, Aleksandr Filippovich, otv.
red.; SUROVA, V.A., red.izd-va; LAVRENT'YEVA, L.G., tekhn. red.

[Overall development of an iron-ore basin] Kompleksnoe razvitie
zhelezorudnogo basseina. [By] A.I.Arsent'yev i dr. Moskva, Izd-
vo "Nedra," 1964. 293 p. (MIRA 17:3)

MALAKHOV, G.M., prof., doktor tekhn. nauk; VASHCHENKO, V.S.,
KHIVRENKO, A.F.; VERESA, F.I.; BELEN'KIY, Ye.V.;
~~SHMALIY, V.Ye.~~; PETRENKO, P.D.; BEZUKH, V.R.; SHULIN,
N.I.; RODIONOVA, N.P., ved. red.

[Technical progress at the "Gigant" Mine in the Krivoy
Rog Basin] Tekhnicheskii progress na shakhte "Gigant"
v Krivorozhskom basseine. Moskva, Nedra, 1964. 119 p.
(MIRA 18:3)

1. Glavnyy inzhener i nachal'nik shakhty "Gigant" v Krivo-
rozhskom Basseyne (for Vashchenko).

KHIVRENKO, A.F.; MAYDAN, D.S.

Results of the miners' work in the Dzerzhinsk Mine Trust
during five years of the seven- year plan. Gor. zhur. no. 1:
16-20 Je '64. (MIRA 17:3)

1. Glavnyy inzh Dzerzhinskogo gosudarstvennogo tresta
zhelezorudnoy promyshlennosti (for Khivrenko). 2. Nachal'nik
tekhnicheskogo otdela Dzerzhinskogo gosudarstvennogo tresta
zhelezorudnoy promyshlennosti (for Maydan).

MALAKHOV, G.M.; VASHCHENKO, V.S.; KHVIRENKO, A.F.; VERESA, F.I.; BELEN'KIY,
Ye.V.; PETRENKO, P.D.; BEZUKH, V.R.

Fundamental improvement in the technology of mining at the "Gigant"
Mine. Gor.zhur. no.1:36-40 Ja '65. (MIRA 18:3)

KHIVRENKO, A.F., gornyy inzh.; RASKIN, I.A., gornyy inzh.

Results of testing the powerful VRTsD-4.5 mine fan. Gor.zhur. no.3:52-
54 Mr '65. (MIRA 18:5)

1. Trest Dzerzhinskruka (for Khivrenko). 2. Institut Dongiprouglemash
(for Raskin).

MALAKHOV, G.M., doktor tekhn. nauk; CHIRKOV, Yu.I., kand. tekhn. nauk;
KUCHERYAVENKO, I.A., kand. tekhn. nauk; ZYMALEV, G.S.;
KHIYRENKO, A.F.; NESTERENKO, V.V.

Introduction of new variants of the system of sublevel caving
at "Dzerzhinskud" Trust mines. Met. i gornorud. prom. no.2:
50-54 Mr-Ap '65. (MIRA 18:5)

ZYMALEV, G.S., gornyy inzh.; KHIVRENKO, A.F., gornyy inzh.; RED'KO, I.A.,
gornyy inzh.; DYMCHUK, G.K., gornyy inzh.

Ways of reducing expenditures for mine ventilation. Gor. shur.
no. 12:10-13 D '65. (MIRA 18:12)

10834-67 FSS-2/EWT(1)/EWP(m) TT/GW

ACC NR: AR6034627

SOURCE CODE: UR/0313/66/000/008/0015/0015

57

AUTHOR: Panich, I. M. ; Khivrenko, A. P. ; Grigorevskiy, V. M.

TITLE: Motion of satellite 1965 06V

SOURCE: Ref. zh. Issledovaniye kosmicheskogo prostranstva, Abs. 8.62.122

REF SOURCE: Astron. tsirkulyar, no. 347, noyabrya 18, 1965, 2-3

TOPIC TAGS: artificial earth satellite, satellite motion, photometric analysis

ABSTRACT: During photometric analysis, an unusual change was detected in the cycle of the artificial earth satellite (SZ), 1965, 06V (Cosmos-53—rocket). From 13 February to 20 September 1965, the satellite cycle increased 7.4 times, while in other cases such an increase, as a rule, did not exceed 30—40%. [Translation of abstract]

SUB CODE: 22/

Card 1/1 b/p

UDC: [522.6+621.396]:629.19

KHIVRICH, N.P., inzh.

Repair of tractor-engine oil filters with a rotor centrifuge.
Mashinostroenie no.1:94-98 Ja-F '64. (MIRA 17:7)

KHIVRICH, N.P., inzh.

Using polymers in repairing separate units of hydraulic systems
of tractors and agricultural machinery. Mashinostroenie no.3:
77-80 My-Je '64.
(MIRA 17:11)

U
KHIVRICH, P.M. [Khivrych, P.M.], inzh.

Unit for adjusting the Bendix drive. Mekh. sil'. hosp. 14 no.6:
22-23 Je '63. (MIRA 17:3)

L 42132-66 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6029003

SOURCE CODE: UR/0431/66/001/002/0125/0127

AUTHOR: Konozenko, I. D.; Yeritsyan, G. N.; Khivrich, V. I.

42
42
B

ORG: Institute of Physics, AN UkrSSR (Institut fiziki AN UkrSSR)

TITLE: Concerning the energy levels of defects caused by fast neutrons in p-type silicon

SOURCE: AN ArmSSR. Izvestiya. Fizika, v. 1, no. 2, 1966, 125-127

TOPIC TAGS: electron energy level, neutron irradiation, irradiation damage, irradiation effect

ABSTRACT: An investigation was made to determine the nature of the energy levels in the forbidden zone of p-type silicon produced by radiative defects appearing due to irradiation with fast neutrons. Specimens $1.5 \times 3 \times 10$ mm with a resistivity of 80 ohm-cm (alloyed with boron) and a dislocation density of 10^4 cm^{-2} with oxygen concentrations of 10^{18} cm^{-3} and 10^{16} cm^{-3} were polished and etched. The specimens were irradiated with fast neutrons in a reactor at 60C. The thermal neutrons were screened with a cadmium filter. Gamma-rays accounted for four percent of the radiation. All specimens were irradiated with a dose of $6.6 \times 10^{18} \text{ n/cm}^2$ under similar conditions. The specific resistance of the first type of specimens (oxygen concentration, 10^{18} cm^{-3}) increased

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L 42132-66

ACC NR: AP6029003

up to 1.3×10^6 ohm.cm; that of specimens of the second type (oxygen concentration, 10^{16} cm $^{-3}$) increased up to 10^6 ohm.cm. The hole mobility decreased almost equally for both types of specimens, i.e., from 220 to 20 cm 2 /sec. Measurements of the Hall effect for both types of specimens showed that irradiation with fast neutrons sharply decreased the concentration of holes (by almost two orders) and lead to the appearance of radiative defects of the donor impurity type which created new electron levels with depths of $E_v + 0.45$ eV (± 0.01 eV) and $E_v + 0.42$ eV (± 0.01 eV) for the first and second types of specimens, respectively. The defects, which were stable up to 300C, annealed at 400C. The $E_v + 0.29$ eV level, with a small concentration (2.74×10^{13} cm $^{-3}$) appeared at this point. The effectiveness of the defect formation caused by fast neutrons is 10^{-4} cm $^{-1}$. Since the specimens had a similar small density of dislocations, the assumption can be made that the given energy levels do not belong to defects localized on the dislocations. Orig. art. has: 3 figures.

[JA]

SUB CODE: ~~20~~ ¹⁸ SUBM DATE: 01Jul65/ ORIG REF: 001/ OTH REF: 002

ATD PRESS: 5063

Card 2/2 MLP

BAKUROV, A.S.; KHIVRYCH, M.P., inzh.

Give the green light to epoxy compounds. Mekh. sil'. hosp.
14 no.9:10-11 S '63. (MIRA 17:1)

1. Golovniy inzh. Rozdil'nyans'kogo rayob'yednannya
"Sil'gosptekhnika" Odes'koi oblasti (for Bakurov).

KHIYARDZHI, K. M.

PA 47/49T86

USSR/Medicine - Skin Diseases,
Therapy

Mar/Apr 49

Medicine - Health Resort

"Experiment in Treating Skin Diseases at Vangou Health Resort," K. M. Khiyardzhi, Vangou Health Resort, Primorsky Inst of Physiotherapy, 3 pp

"Vest Venerol i Dermatol" No 2

Silicious thermal spring treatments are given to patients with chronic eczema and Herpes desguamans at Vangou Health Resort. Herpes desguamans can be treated here during the summer when intensive heliotherapy and balneotherapy can be provided. Patients with advanced psoriasis are

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USSR/Medicine - Skin Diseases
(Contd)

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not treated at Vangou Health Resort. Dir, Vangou Health Resort: K. M. Khiyardzhi. Dir, Primorsky Inst of Physiotherapy: Ya. I. Zon'.

47/49T86

ACCESSION NR: AP4037289

8/0190/64/006/005/0923/0924

AUTHORS: Maklakov, A. I.; Voskresenskiy, V. A.; Khiyenkina, B. D.; Yegorova, L. Ya.

TITLE: A nuclear resonance investigation of filled plasticized polyvinylchloride

SOURCE: Vyssokomolekulyarnyye soedineniya, v. 6, no. 5, 1964, 923-924

TOPIC TAGS: polyvinylchloride, nuclear magnetic resonance, filler, plasticizer, stabilizer, silica gel, aluminum, calcium stearate, dibutylphthalate, dioctylphthalate, spin spin relaxation, polyvinylchloride PF 4

ABSTRACT: The process of polymer filling was studied by the method of nuclear magnetic resonance. Samples were 2 mm thick and consisted of (parts by weight): polyvinylchloride (PVC) brand PF-4 -- 100; plasticizer -- 64; stabilizer (calcium stearate) -- 3; filler -- 0-70. Silica gel and aluminum powder were used as fillers; dibutylphthalate (DBP) and dioctylphthalate (DOP) were used as plasticizers. The oscillographic investigation and the study of spin-spin relaxation period (T_2) indicated a strong molecular interaction between the polymer and the plasticizer. It was noted that DBP exerted a greater influence than DOP on the mobility of the PVC molecules. The introduction of DBP gradually diminished T_2 with silica gel

Card 1/2

KHIZANISHVILI, A.L.

Experimental study of the bearing capacity of circular reinforced concrete hingeless arches under vertical load. Soob.AN Grus.SSR 23 no.2:165-172 Ag '59. (MIRA 13:2)

1. Institut stroitel'nogo dela AN GrusSSR, Tbilisi. Predstavleno akademikom K.S.Zavriyevym.
(Arches)

KHIZANISHVILI, A.L.

Experimental studies of the effect of dead load on the bearing
capacity of hingeless reinforced concrete arches. Trudy Inst.
stroitelstva AN Gruz.SSR 8:29-37 '60. (MIRA 14:10)
(Arches) (Reinforced concrete construction)

AKHVLEDIANI, N.V.; DZHAPARIDZE, G.S.; KHIZANISHVILI, A.L.

Experimental investigation of the carrying capacity of arches which fail as a result of the plastic deformations of concrete. Trudy Inst. stroi.mekh. i seism. AN Gruz. SSR 9:103-113 '63.

(MIRA 17:12)

PHASE I BOOK EXPLOITATION

SOV/5119

Khizanashvili, Georgiy Davidovich (Deceased)

Dinamika zemnoy osi vrashcheniya i urovney okeyanov (Dynamics of the Earth's Axis of Rotation and Ocean Levels) Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "Tsodna", 1960. 140 p. Errata slip inserted. 2,000 copies printed.

Ed.: A.V. Bukhnikashvili; Ed. of Publishing House: T.A. Abramishvili; Tech. Ed.: I.V. Kiknadze.

PURPOSE: This book is intended for geographers, geologists, and geophysicists.

COVERAGE: The book contains the author's hypotheses, based on the laws of mechanics, which attempt to explain certain geological phenomena. According to data on the occurrence of marine terraces in Europe, Asia, and America, and the time of their formation, the author develops a probable curve indicating the shift of the pole since the last interglacial epoch. On the basis of this curve, the author attempts to explain such phenomena as: (1) the occurrence of

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APPROVED FOR RELEASE: 09/17/2001
Dynamics of the Earth's Axis (Cont.)

CIA-RDP86-00513R000722020015-

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glacial and interglacial epochs in Europe; (2) the change in the hydrological regime of rivers in connection with the advance of glacial epochs; (3) the change in the regimes of the Caspian, Black, and Mediterranean Seas during the last glacial cycle; (4) the presence of submarine valleys, coral formations, sunken marine terraces, etc. on the floor of oceans and seas. No personalities are mentioned. There are 82 references: 80 Soviet, 1 English, and 1 French.

TABLE OF CONTENTS:

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Our Hypothesis	5
On Epirogenesis	7
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The Dynamics of Ocean Levels and the Movement of Poles in Our Epoch	17

Card 2/4

KHIZANASHVILI, G.D.

Migration of various animal species in the Quaternary period
in the light of the dynamics of the earth's axis of rotation.
Okeanologia 2 no.4:735-740 '62. (MIRA 15:7)
(Precession) (Fishes--Migration)

KHIZANASHVILI, G.G.

Origin of flooded sea terraces in the light of the hypothesis
on the dynamics of the earth's axis rotation. Okeanologiya
3 no.5:930-935 '63.
(MIRA 16:11)

KHIZANISHVILI, G. I. --

"Study of the Immunobiological Identity of B. Perfringens (Types A, B, C, and D)." Cand Vet Sci, All-Union Inst of Experimental Veterinary Sciences, Moscow, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

KHIZANISHVILI, I.G.

Waterproof soil gypsum, Trudy nauch.korr, Inst.stroi.dela AN
Gruz.SSR no.1:3-18 '56. (MIRA 13:5)
(Transcaucasia--Building materials)
(Waterproofing)

KUTATELADZE, K.S., doktor tekhn. nauk; KHIZANISHVILI, I.G., kand. tekhn. nauk; GAPRINDASHVILI, G.G., inzh.

Black andesite glaze. Stek. i ker. 20 no.8:38-39 Ag '63.

(MIRA 16:11)

1. Nauchno-issledovatel'skiy institut promyshlennosti
stroitel'nykh materialov i silikatov soveta narodnogo
khozyaystva Gruzinskoy SSR.

KHIZANISHVILI, I.G., kand. tekhn. nauk; SOLODOV, P.V., inzh.

Unfired acidproof slabs from andesite tailings. Stroi. mat. 10
no.7:25 J1 '64 (MIRA 18:1)

KHIZANISHVILI, I.G., kand.tekhn.nauk; GAPRINDASHVILI G.G., inzh.

Andesite glaze for products made of ordinary pottery clay.
Stek. i ker. 21 no.9:30-31 S '64. (MIRA 18:4)

1. Tbilisskiy gosudarstvennyy nauchno-issledovatel'skiy institut stroitel'nykh materialov.

KHIZANISHVILI, I.G., kand. tekhn. nauk; AYZENBERG, A.A., kand. tekhn. nauk

Acid-resistant ceramic tiles fired at low temperatures. Stroi.
mat. 11 no.2:22-23 F '65. (MIRA 18:3)

KHIZANISHVILI, I.G., kand. tekhn. nauk; MAMALADZE, R.A., inzh.

Glaze for sanitary engineering semiporcelain products of low-
temperature firing. Stek. i ker. 22 no.4:33-34 Ap '65. (MIRA 18:5)

1. Tbilisskiy nauchno-issledovatel'skiy institut stroymaterialov.

KHIZANTSHVILI, I.G., kand.tekhn.nauk; GAPRINDASHVILI, G.G., inzh.;
~~SHUSHANTSHVILI, A.I., inzh.~~

Glaze with a "crackle" finish on a perlite base. Stek. i ker. 22
no.6:13-14 Je '65. (MIRA 18:6)

1. Tbilisskiy nauchno-issledovatel'skiy institut stroymaterialov.

KHEZANTSHVILI, I.G., kand. tekhn. nauk; GAPRINDASHVILI, G.G., inzh.

Syenite crystal glaze for ceramic products. Stek. i ker. 22 no.7:
30-31 JI '65. (MIRA 18:9)

1. Tbilisskiy nauchno-issledovatel'skiy institut stroitel'nykh
materialov.

KHIZANTSYAN, S.M.

Some characteristics of the embryology of seedless grape
varieties and hybrids. Izv. AN Arm. SSR. Biol. nauk. 18
no.8:22-31 Ag '65. (MIRA 18:9)

1. Armyanskiy nauchno-issledovatel'skiy institut vinogradarstva,
vinodeliya i plodovodstva.

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SOV/71-59-3-16/23

AUTHOR: Khizanov, G.D.

TITLE: The Effectiveness of Returning of Ether-Aldehyde Fraction Into the Process of Production (Effektivnost' vozvrata efiro-al'de-gidnoy fraktsii v proizvodstvo)

PERIODICAL: Spirtovaya promyshlennost', 1959, Nr 3, pp 37-38 (USSR)

ABSTRACT: The Trilesskiy spirtovyy zavod (Trilesskiy Alcohol Plant) producing rectified alcohol, obtains as by-product ether-aldehyde fraction (eaf) and fusel oil. Eaf could be sold for 50 rubles per dekaliter. Since May 1957 eaf is being returned to fermenters for secondary processing, with the result that the output of rectified alcohol has not only increased but highest degree of purity has been obtained at the same time. This also contributes to antisepsis and to more alcohol being obtained per ton of starch. The article gives further evidence of

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KHACHATRYAN, A.L.; KHIZANTSYAN, S.M.

Effect of potash fertilizers on the quality of raisins. Kons. i
ov.prom. 18 no.9:22-23 S '63. (MIRA 16:9)

1. Armyanskiy nauchno-issledovatel'skiy institut vinogradarstva,
vinodeliya i plodovodstva.
(Raisins) (Grapes--Fertilizers and manures)

SOV/2389

11(4)

PHASE I BOOK EXPLOITATION

Yablonskiy, V.S., S.A. Bobrovskiy, E.M. Bleykher, G.A. Royev, I.Kh. Khizgilov, and S.G. Shcherbakov

Avtomatizatsiya transportirovaniya i ob'yektov khraneniya nefi i nefteproduktov (Automatic Control of the Transportation and Storage of Oil and Petroleum Products) Moscow, 1958. 50 p. 1,000 copies printed.

Sponsoring Agencies: USSR. Gosudarstvennyy nauchno-tekhnicheskiy komitet, and Akademiya nauk SSSR. Vsesoyuznyy institut nauchnoy i tekhnicheskoy informatsii. Otdel nauchno-tekhnicheskoy informatsii. Sektor neftyanoy promyshlennosti.

No contributors mentioned

PURPOSE: This book is intended for automation engineers, workers, and economists of the Soviet petroleum industry.

COVERAGE: The authors discuss the extent of automation in Soviet and foreign petroleum industries and point out that automation in the Soviet Union is still in the planning stage and its introduction in industry is limited. No

Card 1/3

SOV/2389

Automatizatsiya transportirovaniya i ob'yektov khraneniya nefi i nefteproduktov (Cont.)

personalities are mentioned. There are 44 references: 15 Soviet and 29 foreign.

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Automatic and telemechanic control of petroleum pipelines, petroleum product pipelines, and of their pumping stations	3
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Automation of tank-car and tank-truck filling	31
Automation of the filling of small containers with petroleum products	35
Remote control and regulation at docks and piers	38
Systems used in preventing petroleum product losses due to evaporation	41

Card 2/3

SOV/2389

VOTLOKHIN, B.Z.; KHIZOILOV, I.Kh.

Using radioactive isotopes for controlling consecutive petroleum
and petroleum products pipelining. Izv.vys.ucheb.zav.; neft' i
gas 1 no.10:99-102 '58. (MIRA 12:4)

1. Groznenskiy neftyanyy nauchno-issledovatel'skiy institut i
Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M.Gubkina.
(Petroleum--Pipelines) (Radioisotopes)

KHIZGILOV, Kh.I.

Scientific and technical conference on the introduction of consecutive petroleum and petroleum product pipelining. Neft. khoz. 36 no.9:70-71 S '58. (MIRA 11:12)
(Petroleum--Transportation)

YABLONSKIY, V.S.; TSIKERMAN, L.Ya.; KHIZGILOV, I.Kh.

Extent of the use of pipeline remote control. Neft. khoz. 37
no.1:58-64 Ja '59. (MIRA 12:3)

(Petroleum--Pipelines) (Remote control)

KHIZGILOV, I. Kh., Cand Tech Sci -- (diss) "Some problems of the successive transmission of petroleum products in trunk pipelines." Moscow, 1960. 17 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Labor Red Banner Inst of Petrochemical and Gas Industry im I. M. Gubkin); 170 copies; price not given; (KL, 23-60, 125)

S/170/60/003/03/21/034
B014/B007

5.1230

AUTHORS:

Yablonskiy, V. S., Asaturyan, A. Sh., Khizgilov, I. Kh.

TITLE:

The Turbulent Diffusion in Tubes

PERIODICAL:

Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 3, pp. 117-122

TEXT: The differential equation (1) describes the concentration distribution of a component in the mixture of two liquids in a tube. This differential equation has the form (2) in a system of coordinates moved with the flow: $\partial k / \partial t = D \partial^2 k / \partial z^2$, D is the coefficient of the turbulent diffusion. From a probability investigation concerning the presence of the particle at a certain instant of time in a certain part of the tube, formula (11)

$D/\nu = A Re^{2/3}$ is derived. Here ν is the coefficient of kinematic viscosity, A - a to be determined experimentally constant, and Re the Reynolds number. Generally, (12) holds: $D/\nu = f(Re)$. From the solution of equation (1) formula (17) is derived for the turbulent diffusion coefficient. For the determination of the dependence of D/ν on the Reynolds number according to formula (12), experiments were made by Kornilov, Frolov, Nechval', and others at the Laboratoriya truboprovodnogo transporta Bashkirskogo nauchno-issledovatel'skogo instituta po pererabotke nefli (Laboratory for Pipelines of the Bashkiriya Scientific Research Institute for the Refining of Petroleum). In the experimental plant they had a tube-length of 44.6 m

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The Turbulent Diffusion in Tubes

S/170/60/003/03/21/034
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with a diameter of 51 mm available. The measured values for a velocity of 30.4 cm/sec, a $\nu = 0.0122$ stokes, and a Reynolds number of $Re = 12,500$ are given in Table 1. By means of the method of the least squares, formula (18) is given for the relation $D/\nu = f(Re)$. In the diagram in Fig. 1 the measured values are compared with the curve calculated from (18), which shows the good practical use of formula (18). The formulas derived here and those by Taylor (Ref. 2), Fowler and Brown (Ref. 9) as well as that by V. A. Yufin are compared with reference to the data of the pipeline Ufa-Chelyabinsk (375 km). Table 2 gives a summary of the results obtained, and it is shown that the formulas derived are, on the whole, the better ones. There are 1 figure, 2 tables, and 10 references: 8 Soviet and 2 English.

ASSOCIATION: Nauchno-issledovatel'skiy institut po pererabotke nefti,
g. Ufa
(Scientific Research Institute for the Refining of Petroleum,
City of Ufa)

Card 2/2

KHIZGILOV, I.Kh.

Volume of the mixture formed in a pipeline during consecutive
petroleum products pumping. Neft. khoz. 38 no.12:52-55 D '60.
(MIRA 14:4)

(Pipelines)

(Petroleum products)

KHIZGILOV, I. Kh.; TITAREVA, Ye. V.

Permissible concentration of one petroleum product in another
in a tank in consecutive pumping. Transp. i khran. nefti no. 6:
9-12 '63. (MIRA 17:3)

1. Nauchno-issledovatel'skiy institut po transportu i khraneniyu
nefti i nefteproduktov.